

Section 3, Amendment to Claims:

1. (Currently Amended) A medication delivery system for targeted oral hygiene treatment [comprising] consisting essentially of:

a) a disposable cotton roll of size and length to be received comfortably in a buccal vestibule; [and]

b) a topical oral medication treatment composition carried by said roll in a[n] single use dosage amount that is [to be] therapeutically effective to treat adverse periodontal conditions; and

c) upon insertion in a buccal vestibule for an extended period of time and action by a buccinator muscle, said treatment composition is expressed and leaches from said roll to bathe oral tissues, teeth surfaces and gingival sulcus, and stimulates saliva production, thereby effecting treatment of said periodontal condition.

2. (Original) A medication delivery system for oral hygiene as in claim 1 wherein said medication is in a state selected from a liquid, a gel and a dry state.

3. (Currently Amended) A medication delivery system for oral hygiene as in claim 2 wherein said composition is selected from an anti-microbial compound or composition, a fluoride-ion providing compound or composition, an analgesic, an enzyme, a natural plant herb, oil or extract, an anti-plaque compound or composition, and combinations thereof, and said composition [anti-microbial] is present in said roll in an effective amount for amelioration of bad breath conditions.

3. (Cancelled in favor of Amended Claim 3) ~~[A medication delivery system for oral hygiene as in claim 2 wherein said composition is an anti-microbial present in said roll in an effective amount for amelioration of bad breath conditions.]~~

4. (Original) A medication delivery system for oral hygiene as in claim 3 wherein said composition is a fluid and said fluid is present in an amount sufficient to substantially moisten or to saturate said cotton roll.

5. (Original) A medication delivery system for oral hygiene as in claim 3 wherein said

composition includes at least one active ingredient selected from a boric acid-type and a benzoic acid-type mouthwash.

6. (Currently Amended) A medication delivery system for oral hygiene as in claim 3 wherein said composition includes at least one active ingredient selected from: thymol; eucalyptol; methyl salicylate; menthol; ethyl alcohol; benzoic acid; sodium benzoate; boric acid; citric acid; calcium lactate; cetyl pyridinium chloride; tetrasodium pyrophosphate; benzalkonium chloride; domiphen bromide; sodium benzoate; eugenol; eucalyptus oil; aloe vera; oil of cloves; triclosan; chlorhexidine; chlorhexidine gluconate; sodium hypochlorite; sodium stannate; hydrogen peroxide; carbamide peroxide; antibiotics; analgesics; chlorine dioxide; zinc-containing compounds [and complexes such as zinc gluconate or zinc chloride]; fluoride ion-providing compounds [such as sodium fluoride]; enzymes and enzymatic compounds selected from lysozyme, lactoferrin, glucose oxidase, and lactoperoxidase[, and the like]; copper gluconate; natural plant extracts having anti-microbial or therapeutic properties; and mixtures thereof.

7. (Currently Amended) A medication delivery system for oral hygiene as in claim 2 wherein said cotton roll has a diameter ranging from about 3/16" to about 7/16" and length ranging from about 1" to about 2".

8. (Original) A medication delivery system for oral hygiene as in claim 7 wherein said cotton roll includes a core of absorbent cotton fibers and a sheath selected from a mesh braiding and a highly permeable woven or non-woven sheet material.

9. (Original) A medication delivery system for oral hygiene as in claim 8 wherein said cotton roll is a braided cotton roll having a diameter of about 5/16" and length of about 1 1/2", and each end is terminated in a transverse cut.

10. (Currently Amended) A portable consumer package for targeted oral hygiene treatment comprising in operative combination:

- a) a sealed, water impervious re-closable pouch; and
- b) a plurality of single use disposable medication delivery units disposed in said pouch, each of which [comprises] consists essentially of:
 - i) a sterile cotton roll of size and length to be received comfortably in a buccal

vestibule; and

ii) a topical oral medication composition carried by said roll in a[n] single use dosage amount that is [to be] therapeutically effective to treat adverse periodontal conditions; and

c) upon insertion in a buccal vestibule for an extended period of time and action by a buccinator muscle, said treatment composition is expressed and leaches from said roll to bathe oral tissues, teeth surfaces and gingival sulcus, and stimulates saliva production, thereby effecting treatment of said periodontal condition.

11. (Original) A portable consumer package for oral hygiene treatment as in claim 10 wherein said pouch is pocket-sized and includes a manually openable seal member.

12. (Currently Amended) A portable consumer package for oral hygiene treatment as in claim 11 wherein said seal member is a tear off strip and includes a zip-type closure that permits re-closing said pouch.

13. (Original) A portable consumer package for oral hygiene treatment as in claim 11 which contains from 2 to 4 of said cotton rolls and wherein said composition is selected from an anti-microbial compound or composition, a fluoride-ion providing compound or composition, an analgesic, an enzyme, a natural plant herb, oil or extract, an anti-plaque compound or composition, and combinations thereof.

14. (Currently Amended) A portable consumer package for oral hygiene treatment as in claim 13 wherein said composition is a fluid and said fluid is present in an amount sufficient to substantially moisten or to saturate said cotton roll, said pouch ranges in width from about 1.75" to about 2.25" and in length from about 2 - 2 1/4" and each said cotton rolls has a diameter ranging from about 3/16" to about 7/16", a length ranging from about 1" to about 2", a core of absorbent cotton fibers and a sheath selected from a mesh braiding and a highly permeable woven or non-woven sheet material.

15. (Original) A portable consumer package for oral hygiene treatment as in claim 10 wherein a plurality of said pouches are packaged in a box.

16. (Currently Amended) A method of targeted oral hygiene [care] treatment comprising the steps of:

a) providing a single-use disposable buccal insert, consisting essentially of: a sterile cotton roll of size and length to be received comfortably in a buccal vestibule and having a topical oral medication treatment composition carried by said roll in a[n] single use dosage amount that is [to be] therapeutically effective to treat adverse periodontal conditions;

b) inserting a said treatment composition-carrying roll in a buccal vestibule for a time sufficient to provide some amelioration of said periodontal condition, so that upon action by a buccinator muscle, said treatment composition is expressed and leaches from said roll to bathe oral soft tissues, teeth surfaces and gingival sulcus, and saliva production is stimulated and reabsorbed by said roll, thereby effecting treatment of said periodontal condition; and

c) removing and disposing of said single use cotton roll after substantial expression or leaching-out of said treatment composition to the oral tissue and gingival sulcus.

17. (Original) A method of oral hygiene treatment as in claim 16 wherein said composition is in a state selected from a liquid, a gel and a dry state.

18. (Original) A method of oral hygiene treatment as in claim 17 wherein said composition is selected from an anti-microbial compound or composition, a fluoride ion-providing compound or composition, an analgesic, an enzyme, a natural plant herb or extract, an anti-plaque compound or composition, and combinations thereof.

19. (Currently Amended) A method of oral hygiene treatment as in claim 18 wherein said composition includes at least one active ingredient selected from: thymol; eucalyptol; aloe vera; methyl salicylate; menthol; ethyl alcohol; benzoic acid; sodium benzoate; boric acid; citric acid; calcium lactate; cetyl pyridinium chloride; tetrasodium pyrophosphate; benzalkonium chloride; domiphen bromide; sodium benzoate; eugenol; eucalyptus oil; oil of cloves; triclosan; chlorhexidine; chlorhexidine gluconate; sodium hypochlorite; sodium stannate; hydrogen peroxide; carbamide peroxide; antibiotics; analgesics; chlorine dioxide; zinc-containing compounds and complexes [such as zinc gluconate or zinc chloride]; fluoride ion-providing compounds [such as sodium fluoride]; enzymes and enzymatic compounds selected from lysozyme, lactoferrin, glucose oxidase, and lactoperoxidase[, and the like]; copper gluconate; natural plant

extracts having anti-microbial or therapeutic properties; and mixtures thereof.

20. **(Currently Amended)** A method of oral hygiene treatment as in claim 16 wherein said composition is a fluid or gel present in an amount sufficient to substantially moisten or to saturate said cotton roll, and each said cotton roll has a diameter ranging from about 3/16" to about 7/16", a length ranging from about 1" to about 2", a core of absorbent cotton fibers and a cotton fiber-retaining sheath selected from a mesh braiding and a highly permeable woven or non-woven sheet material.

End of Section 3.